

1. (TWICE AMENDED) A method for provisioning services to packets sourced from a number of client devices, each of the packets having at least a part of a layer 2 header replaced with a unique bit string that is independent of the contents of the received packets, the method comprising:

- B1
- a) determining whether or not the packet is entitled to access a particular service using at least a portion of the unique bit string; and
 - b) if it is determined that the packet is entitled to access the particular service, then routing the packet.

Please replace claim 5 with the following:

5. (TWICE AMENDED) A method for providing various quality of service levels to packets sourced from a number of client devices, each of the packets having at least a part of a layer 2 header replaced with a unique bit string that is independent of the contents of the packets, the method comprising:

- B2
- a) determining a service level to which the packet is entitled using at least a portion of the unique bit string; and
 - b) forwarding the packet to a queue associated with the service level determined.

Please replace claim 14 with the following:
